

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013250

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08F2/00 C12P13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08F C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/033716 A (DIA-NITRIX CO., LTD; SEYA, MASAAKI) 24 April 2003 (2003-04-24) the whole document	1-18
X	US 4 343 900 A (WATANABE ET AL) 10 August 1982 (1982-08-10) the whole document	1-18
Y	US 6 162 624 A (SYMES ET AL) 19 December 2000 (2000-12-19) cited in the application	1-17
A	the whole document	18
Y	US 5 698 629 A (SEKI ET AL) 16 December 1997 (1997-12-16)	1-17
X	the whole document	18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

25 May 2005

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03033716	A	24-04-2003	WO	03033716 A1	24-04-2003
US 4343900	A	10-08-1982	JP	1377275 C	08-05-1987
			JP	56051987 A	09-05-1981
			JP	61040396 B	09-09-1986
			JP	1377276 C	08-05-1987
			JP	56051988 A	09-05-1981
			JP	61040397 B	09-09-1986
			DE	3037009 A1	23-04-1981
			FR	2466506 A1	10-04-1981
			GB	2062625 A , B	28-05-1981
US 6162624	A	19-12-2000	AT	235546 T	15-04-2003
			AT	207964 T	15-11-2001
			AU	719269 B2	04-05-2000
			AU	1106497 A	03-07-1997
			AU	714561 B2	06-01-2000
			AU	1106597 A	03-07-1997
			BR	9611961 A	17-02-1999
			BR	9612006 A	17-02-1999
			CA	2238443 A1	19-06-1997
			CA	2239005 A1	19-06-1997
			CN	1207776 A , C	10-02-1999
			CN	1207770 A	10-02-1999
			DE	69616594 D1	06-12-2001
			DE	69616594 T2	02-05-2002
			DE	69627021 D1	30-04-2003
			DE	69627021 T2	11-03-2004
			DK	870016 T3	16-06-2003
			DK	870051 T3	25-02-2002
			EP	0870016 A1	14-10-1998
			EP	0870051 A1	14-10-1998
			ES	2193280 T3	01-11-2003
			ES	2166010 T3	01-04-2002
			WO	9721805 A1	19-06-1997
			WO	9721827 A1	19-06-1997
			JP	2000501610 T	15-02-2000
			JP	2000501611 T	15-02-2000
			PT	870016 T	31-07-2003
			RU	2182928 C2	27-05-2002
			RU	2188864 C2	10-09-2002
			US	6361981 B1	26-03-2002
			US	5998180 A	07-12-1999
US 5698629	A	16-12-1997	JP	9118704 A	06-05-1997